

**Systems and Methods for Characterizing a Biological Condition or Agent Using
Selected Gene Expression Profiles**

Abstract

5

Methods are provided for evaluating a biological condition of a subject using a calibrated profile data set derived from a data set having a plurality of members, each member being a quantitative measure of the amount of a subject's RNA or protein as distinct constituents in a panel of constituents. The biological condition may be a naturally occurring physiological state or may be responsive to treatment of the subject with one or more agents. Calibrated profile data sets may be used as a descriptive record for an agent.

15